

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: GATE LINEWIDTH TAILORING AND CRITICAL DIMENSION CONTROL FOR SUB-100NM DEVICES USING PLASMA ETCHING the specification of which: (check one)

☒ is attached hereto.

☐ was filed on _____, as Application Serial No. _____ and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Number	Country	Day/Month/Year	Priority Claimed
--------	---------	----------------	------------------

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Applications:

Serial No.	Filing Date	Status
------------	-------------	--------

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Joseph P. Abate (Reg. No. 30,238), Jay Anderson (Reg. No. 38,371), Ira D. Blecker (Reg. No. 29,894), Steven Capella (Reg. No. 33,086), T. Rao Coca (Reg. No. 29,784), Harold Huberfeld (Reg. No. 26,665), Suan Murray (Reg. No. 38,252), Daryl K. Neff (Reg. No. 38,253), Margaret A. Pepper (Reg. No. 45,008), Eric W. Petraske (Reg. No. 28,459), Marc D. Schechter (Reg. No. 28,989), H. Daniel Schnurmann (Reg. No. 35,791), William P. Skladony (Reg. No. 33,787), Tiffany Townsend, (Reg. No. 43,199), Christopher A. Hughes (Reg. No. 26,914), Edward A. Pennington (Reg. No. 32,588), John E. Hoel (Reg. No. 26,279), Joseph C. Redmond, Jr., (Reg. No. 18,753), Sean M. McGinn, (Reg. No. 34, 386), and Frederick E. Cooperrider, (Reg. No. 36,769).

Send all correspondence to: McGinn & Gibb, PLLC, 8321 Old Courthouse Rd. Suite 200, Vienna, VA 22182. Customer No. 21254

Telephone calls should be directed to Sean M. McGinn, McGinn & Gibb, PLLC at (703) 761-4100.



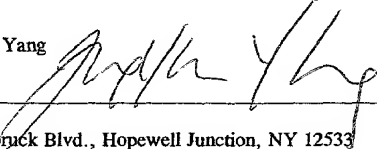
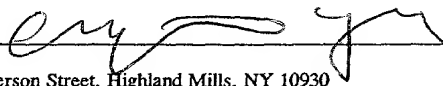
(1) Inventor: Jeffrey J. Brown

Signature: Jeffrey J. Brown Date: 4/26/01

Residence: 8 Hawthorn Court, Fishkill, NY 12524

Citizenship: United States of America

Post Office Address: Same as Residence

- (2) Inventor: Sadanand Vinayak Deshpande
 Signature:  Date: 04/29/01
 Residence: 35 Beech Court, Fishkill, NY 12524
 Citizenship: India
 Post Office Address: Same as Residence
- (3) Inventor: David V. Horak
 Signature: _____ Date: _____
 Residence: 47 Briar Lane, Essex Junction, VT 05452
 Citizenship: United States of America
 Post Office Address: Same as Residence
- (4) Inventor: Maheswaran Surendra
 Signature: _____ Date: _____
 Residence: 64 Grand Street, Croton-on-Hudson, NY 10520
 Citizenship: Malaysia
 Post Office Address: Same as Residence
- (5) Inventor: Len Y. Tsou
 Signature:  Date: 4/23/2001
 Residence: 7 Beverly Place, New City, NY 10956
 Citizenship: United States of America
 Post Office Address: Same as Residence
- (6) Inventor: Qingyun Yang
 Signature:  Date: 4/24/2001
 Residence: 9 Innsbruck Blvd., Hopewell Junction, NY 12533
 Citizenship: United States of America
 Post Office Address: Same as Residence
- (7) Inventor: Chienfan Yu
 Signature:  Date: 4/25/2001
 Residence: 97 Jefferson Street, Highland Mills, NY 10930
 Citizenship: United States of America
 Post Office Address: Same as Residence

100-306245-6

(8) Inventor: Ying Zhang

Signature: ying Zhang Date: 4/24/01

Residence: 180 Loder Road, Yorktown Heights, NY 10598

Citizenship: United States of America

Post Office Address: Same as Residence

4/24/01 6:24:00 PM

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **GATE LINEWIDTH TAILORING AND CRITICAL DIMENSION CONTROL FOR SUB-100NM DEVICES USING PLASMA ETCHING**
the specification of which:
(check one)

☒ is attached hereto.

☐ was filed on _____, as Application Serial No. _____ and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Number	Country	Day/Month/Year	Priority Claimed
--------	---------	----------------	------------------

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Applications:

Serial No.	Filing Date	Status
------------	-------------	--------

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Joseph P. Abate (Reg. No. 30,238), Jay Anderson (Reg. No. 38,371), Ira D. Blecker (Reg. No. 29,894), Steven Capella (Reg. No. 33,086), T. Rao Coca (Reg. No. 29,784), Harold Huberfeld (Reg. No. 26,665), Suan Murray (Reg. No. 38,252), Daryl K. Neff (Reg. No. 38,253), Margaret A. Pepper (Reg. No. 45,008), Eric W. Petraske (Reg. No. 28,459), Marc D. Schechter (Reg. No. 28,989), H. Daniel Schnurmann (Reg. No. 35,791), William P. Skladony (Reg. No. 33,787), Tiffany Townsend, (Reg. No. 43,199), Christopher A. Hughes (Reg. No. 26,914), Edward A. Pennington (Reg. No. 32,588), John E. Hoel (Reg. No. 26,279), Joseph C. Redmond, Jr., (Reg. No. 18,753), Sean M. McGinn, (Reg. No. 34, 386), and Frederick E. Cooperrider, (Reg. No. 36,769).

Send all correspondence to: **McGinn & Gibb, PLLC, 8321 Old Courthouse Rd. Suite 200, Vienna, VA 22182. Customer No. 21254**

Telephone calls should be directed to Sean M. McGinn, McGinn & Gibb, PLLC at (703) 761-4100.

(1) Inventor: Jeffrey J. Brown

Signature: _____ Date: _____

Residence: 8 Hawthorn Court, Fishkill, NY 12524

Citizenship: United States of America

Post Office Address: Same as Residence

Post Office Address: Same as Residence

(8) Inventor: Ying Zhang

Signature: _____ Date: _____

Residence: 180 Loder Road, Yorktown Heights, NY 10598

Citizenship: United States of America

Post Office Address: Same as Residence

Patented by IBM Corp. 1992

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: GATE LINEWIDTH TAILORING AND CRITICAL DIMENSION CONTROL FOR SUB-100NM DEVICES USING PLASMA ETCHING
the specification of which:
(check one)

☒ is attached hereto.

☐ was filed on _____, as Application Serial No. _____ and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Number	Country	Day/Month/Year	Priority Claimed
--------	---------	----------------	------------------

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Applications:

Serial No.	Filing Date	Status
------------	-------------	--------

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Joseph P. Abate (Reg. No. 30,238), Jay Anderson (Reg. No. 38,371), Ira D. Blecker (Reg. No. 29,894), Steven Capella (Reg. No. 33,086), T. Rao Coca (Reg. No. 29,784), Harold Huberfeld (Reg. No. 26,665), Susan Murray (Reg. No. 38,252), Daryl K. Neff (Reg. No. 38,253), Margaret A. Pepper (Reg. No. 45,008), Eric W. Petraske (Reg. No. 28,459), Marc D. Schechter (Reg. No. 28,989), H. Daniel Schnurmann (Reg. No. 35,791), William P. Skladony (Reg. No. 33,787), Tiffany Townsend, (Reg. No. 43,199), Christopher A. Hughes (Reg. No. 26,914), Edward A. Pennington (Reg. No. 32,588), John E. Hoel (Reg. No. 26,279), Joseph C. Redmond, Jr., (Reg. No. 18,753), Sean M. McGinn, (Reg. No. 34, 386), and Frederick E. Cooperrider, (Reg. No. 36,769).

Send all correspondence to: McGinn & Gibb, PLLC, 8321 Old Courthouse Rd. Suite 200, Vienna, VA 22182. Customer No. 21254

Telephone calls should be directed to Sean M. McGinn, McGinn & Gibb, PLLC at (703) 761-4100.

(1) Inventor: Jeffrey J. Brown

Signature: _____ Date: _____

Residence: 8 Hawthorn Court, Fishkill, NY 12524

Citizenship: United States of America

Post Office Address: Same as Residence

- (2) Inventor: Sadanand Vinayak Deshpande

Signature: _____ Date: _____

Residence: 35 Beech Court, Fishkill, NY 12524

Citizenship: India

Post Office Address: Same as Residence

- (3) Inventor: David V. Horak

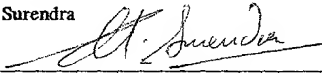
Signature: _____ Date: _____

Residence: 47 Briar Lane, Essex Junction, VT 05452

Citizenship: United States of America

Post Office Address: Same as Residence

- (4) Inventor: Maheswaran Surendra

Signature:  Date: 4/26/01

Residence: 64 Grand Street, Croton-on-Hudson, NY 10520

Citizenship: Malaysia

Post Office Address: Same as Residence

- (5) Inventor: Len Y. Tsou

Signature: _____ Date: _____

Residence: 7 Beverly Place, New City, NY 10956

Citizenship: United States of America

Post Office Address: Same as Residence

- (6) Inventor: Qingyun Yang

Signature: _____ Date: _____

Residence: 9 Innsbruck Blvd., Hopewell Junction, NY 12533

Citizenship: United States of America

Post Office Address: Same as Residence

- (7) Inventor: Chienfan Yu

Signature: _____ Date: _____

Residence: 97 Jefferson Street, Highland Mills, NY 10930

Citizenship: United States of America

Post Office Address: Same as Residence

(8) Inventor: Ying Zhang

Signature: _____ Date: _____

Residence: 180 Loder Road, Yorktown Heights, NY 10598

Citizenship: United States of America

Post Office Address: Same as Residence

62424869